

Fig. 1

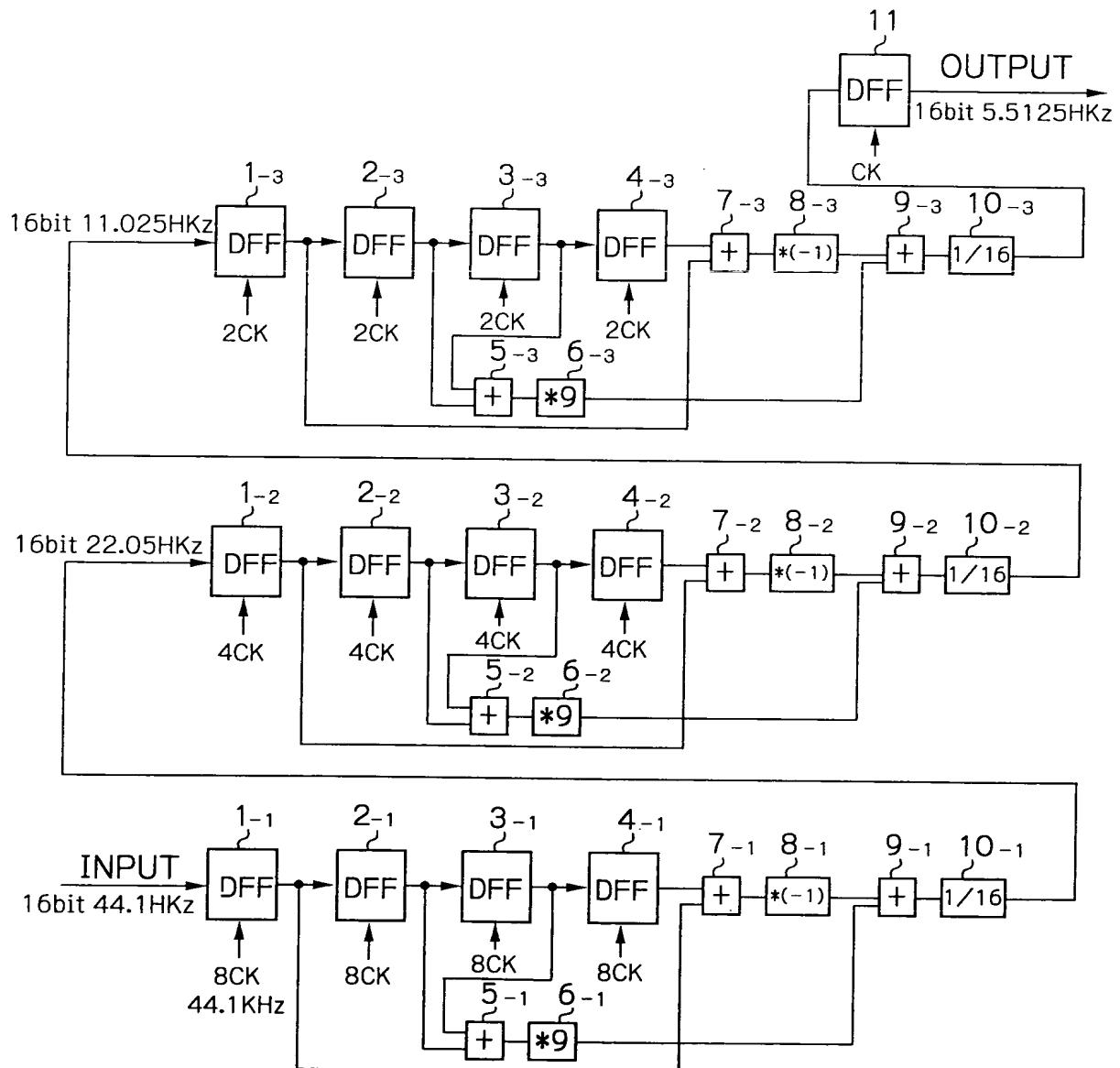
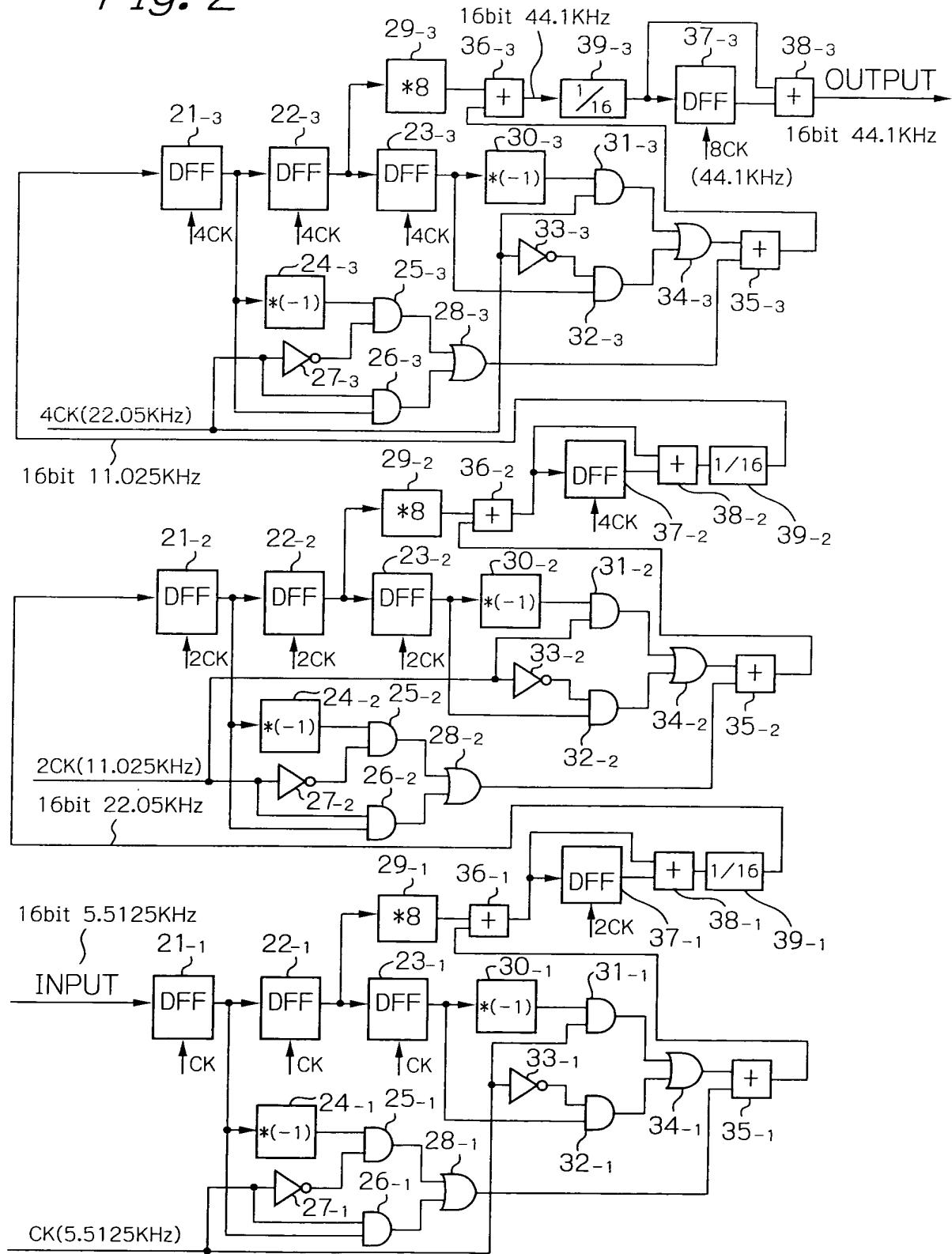


Fig. 2



*Fig. 3A*

## THINNING PRINCIPLE OF EMBODIMENT 1

	A	B	C	D	E	F	....
a	-1 1 8	-1 1 8					
b	1 -1 8	8 1 8	-1 1 8				
c	1 -1 8	8 1 8	1 1 8	-1 1 8			
d	-1 1 8	1 8 1	1 8 1	8 1 8	-1 1 8		
e		-1 1 8	-1 1 8	1 8 1	1 8 1	-1 1 8	
f			-1 1 8	1 8 1	1 8 1	1 8 1	-1 1 8
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

THINNED-OUT DATA  
 $(9(B+C)-(A+D))/16$

$(9(D+E)-(C+F))/16$

*Fig. 3B*

## INTERPOLATING PRINCIPLE OF EMBODIMENT 1

	A	B	C	D	E	F	....
a	-1 1 8	-1 1 8					
b	1 -1 8	8 1 8	-1 1 8				
c	1 -1 8	8 1 8	1 1 8	-1 1 8			
d	-1 1 8	1 8 1	1 8 1	8 1 8	-1 1 8		
e		-1 1 8	-1 1 8	1 8 1	1 8 1	-1 1 8	
f			-1 1 8	1 8 1	1 8 1	1 8 1	-1 1 8
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

INTERPOLATION DATA

$(A+8B-C)/8$

$(-A+8B+C)/8$

$(B+8C-D)/8$

$(-B+8B+D)/8$

$4/_{21}$

Fig. 4

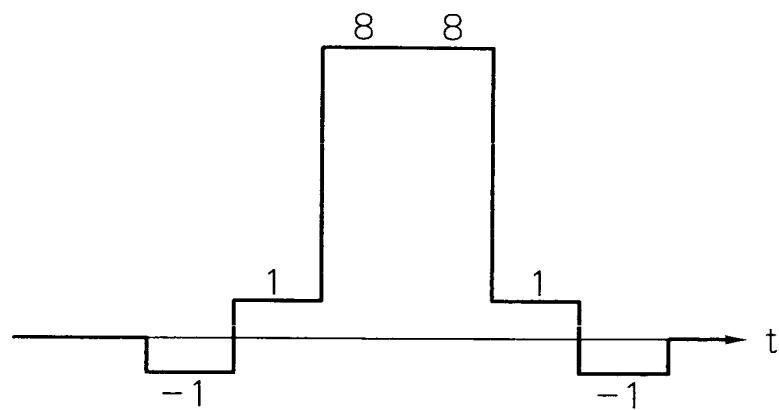
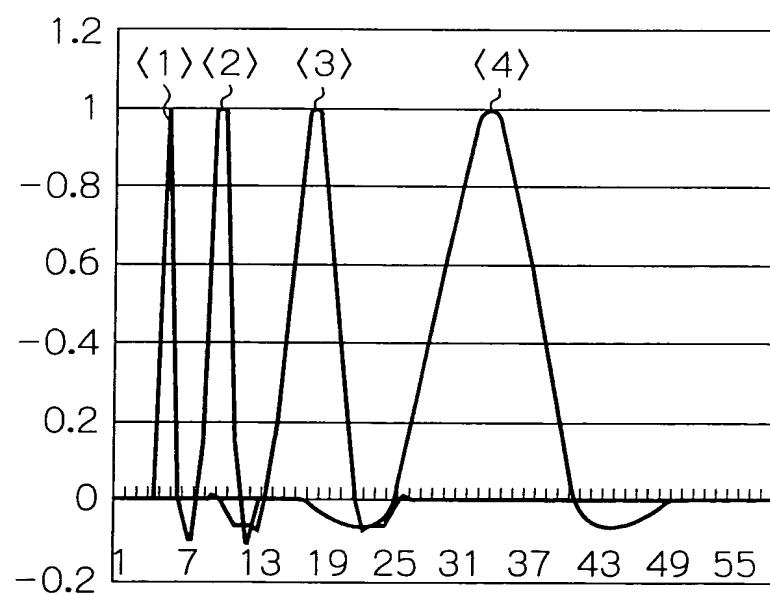
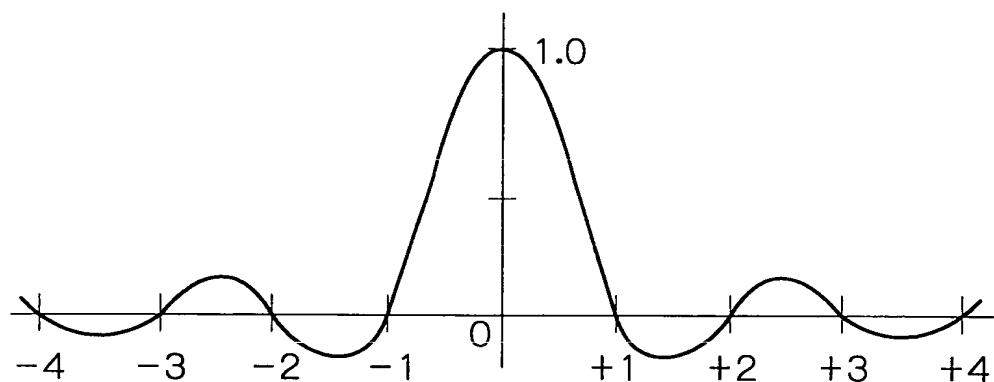


Fig. 5

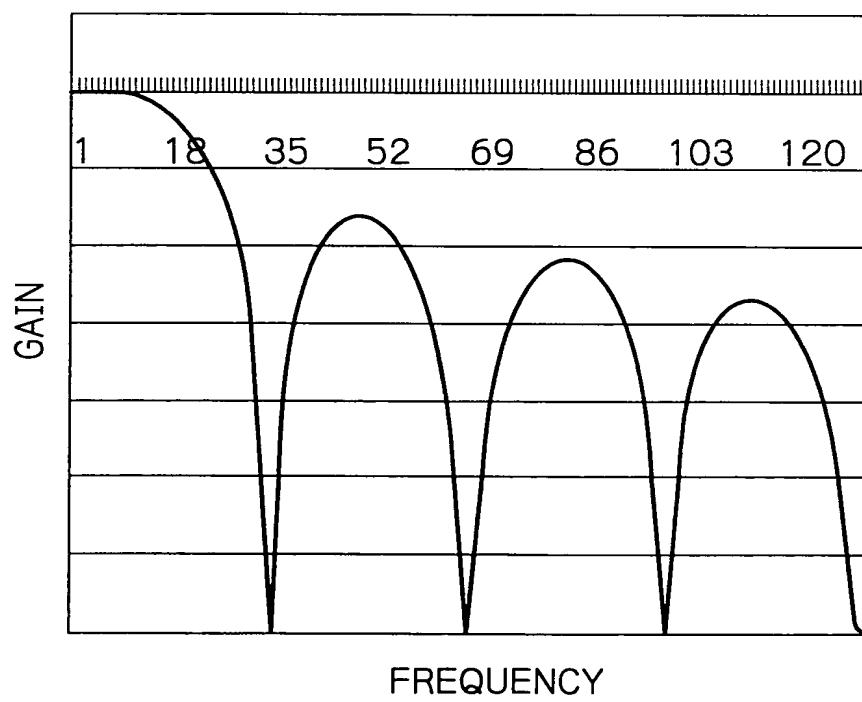


$\frac{5}{21}$

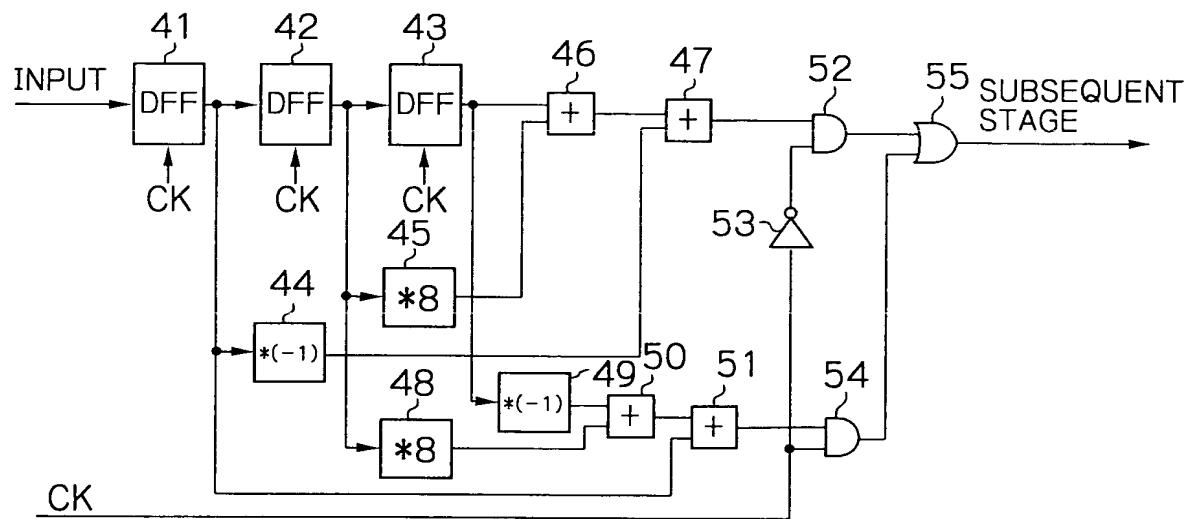
*Fig. 6*



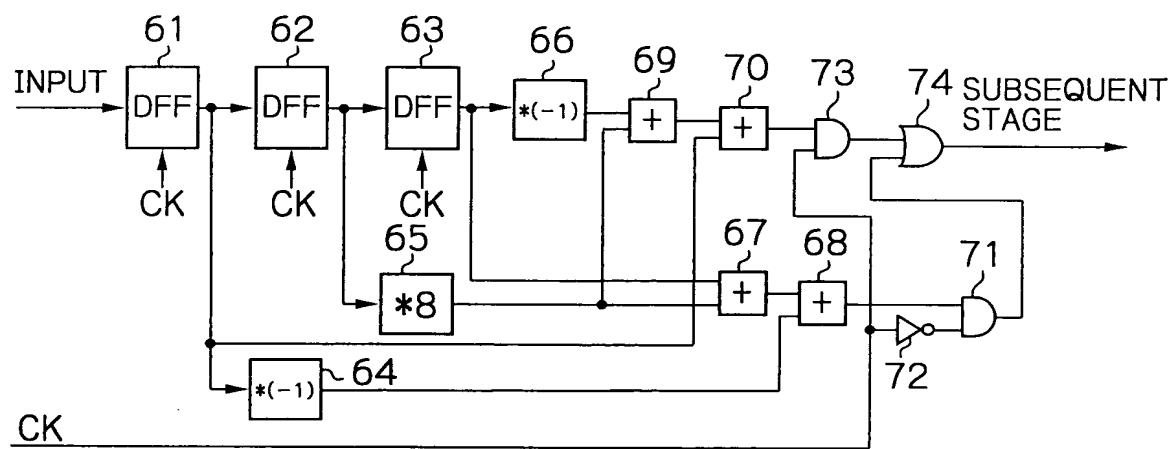
*Fig. 7*



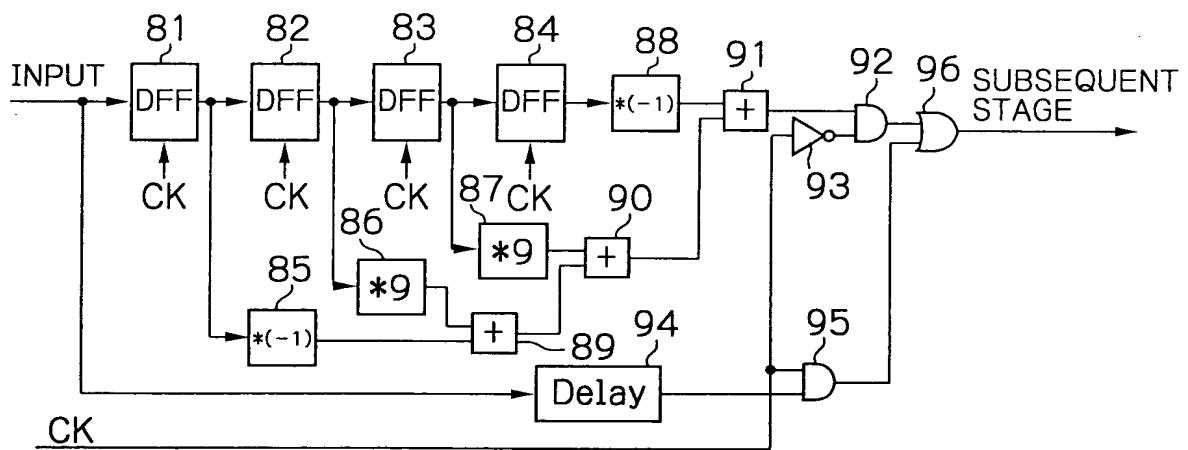
*Fig. 8*



*Fig. 9*



*Fig. 10*



*Fig. 11A*

## INTERPOLATING PRINCIPLE OF EMBODIMENT 2

*Fig. 11B*

## INTERPOLATING PRINCIPLE OF EMBODIMENT 2

	A	B	C	D	E	F	...
a	9	-1					
	--16	0					
b	9	9	-1				
	0--16	0					
	-1	9	9	-1			
c		0--16	0				
		-1	9	9	-1		
d		0--16	0				
		-1	9	9	-1		
e			0--16	0			
			-1	9	9		
f				0--16			
				-1	9		
					0		
					-1		

INTERPOLATION DATA

$(-A+9B+25C-D)/32$   
 $(-B+25C+9D-E)/32$   
 $(-B+9C+25D-E)/32$   
 $(-C+25D+9E-F)/32$

...

Fig. 12

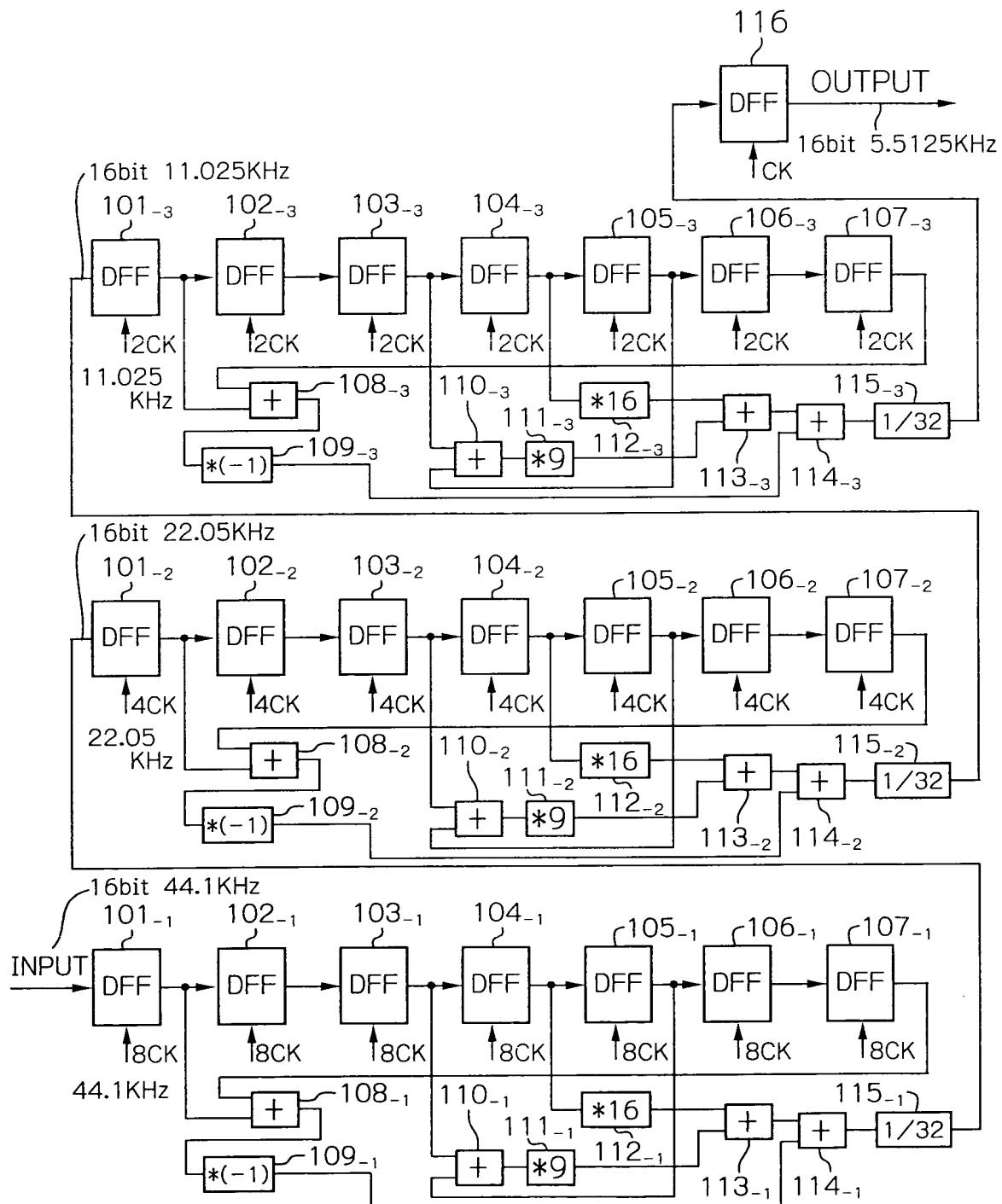
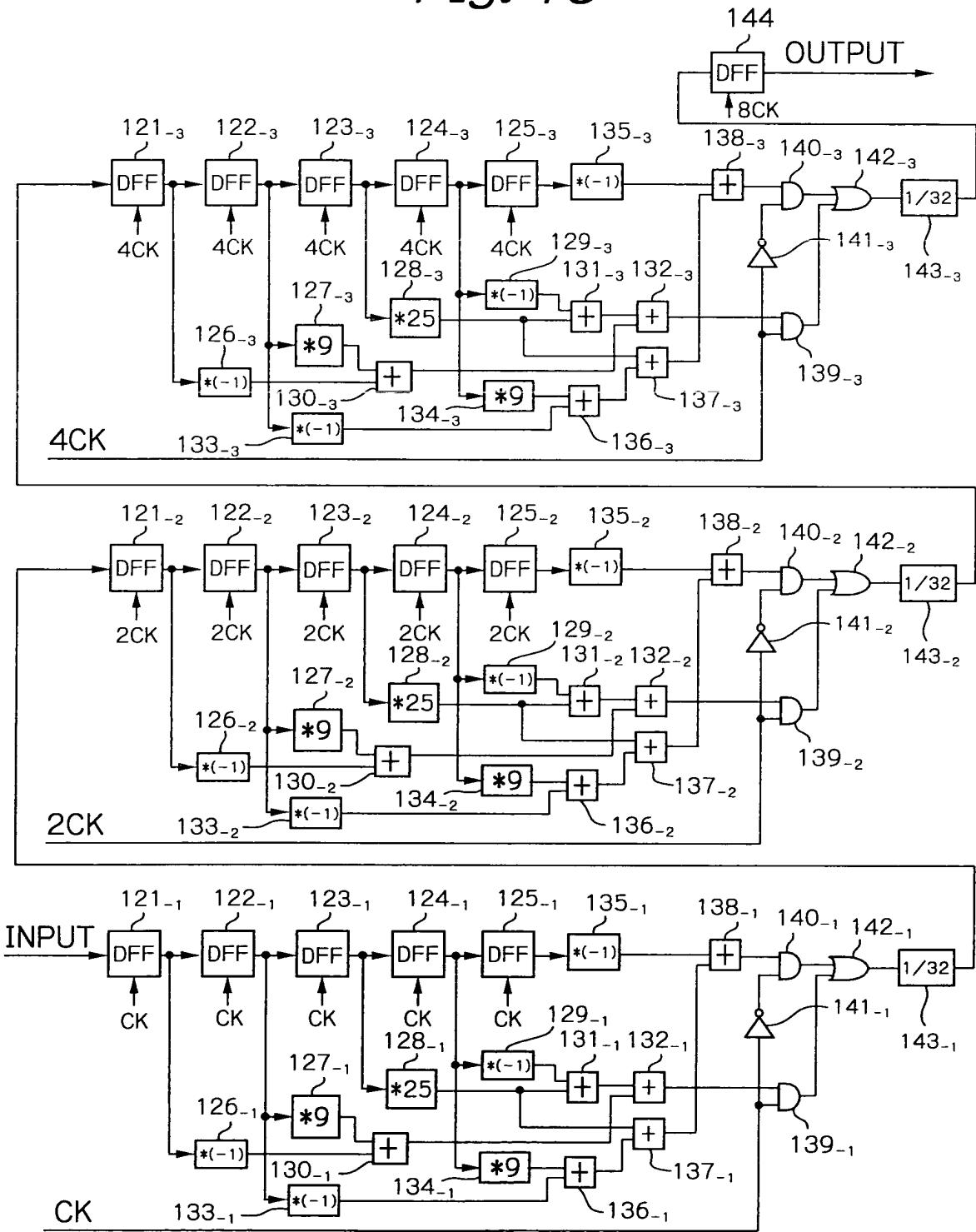
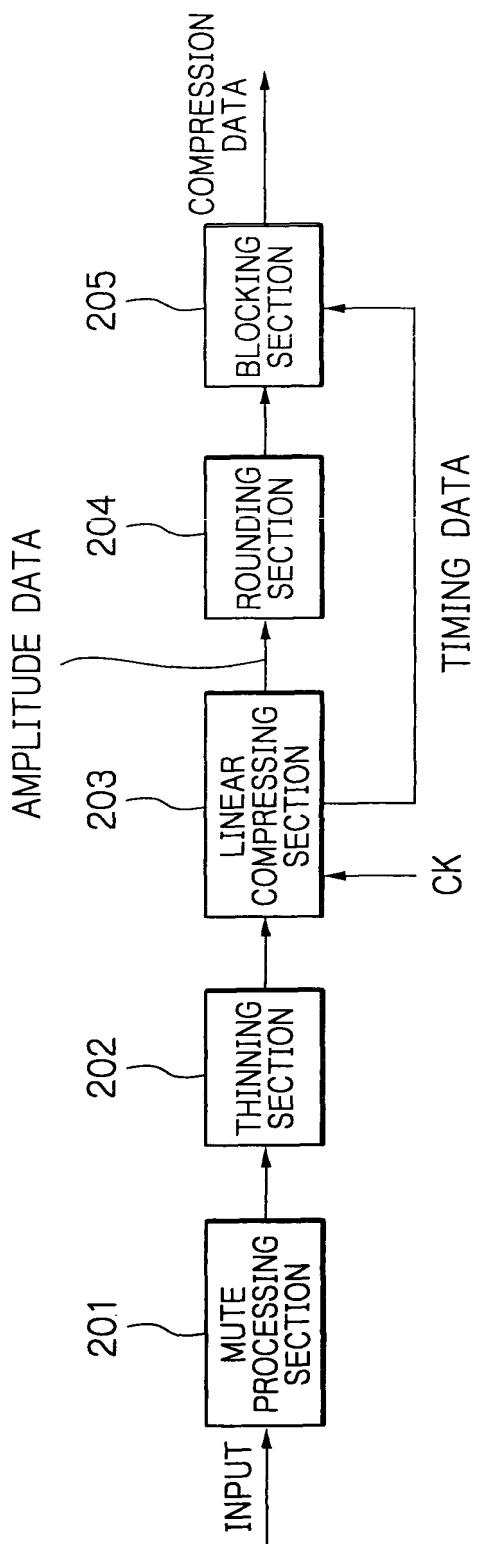


Fig. 13

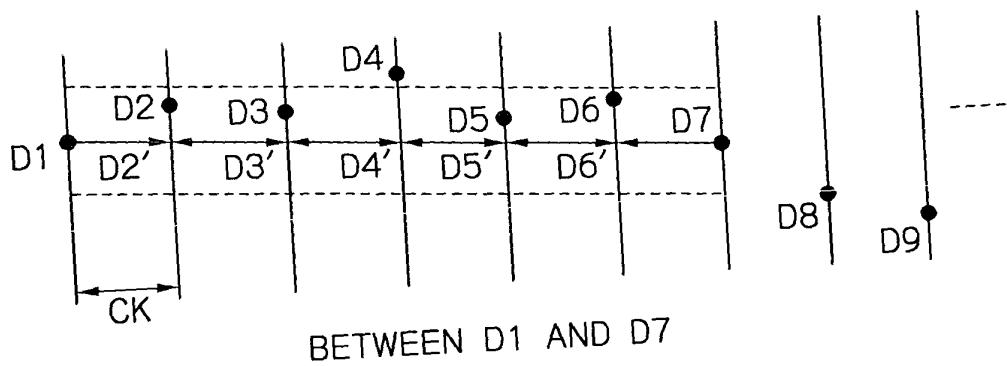


*Fig. 14*

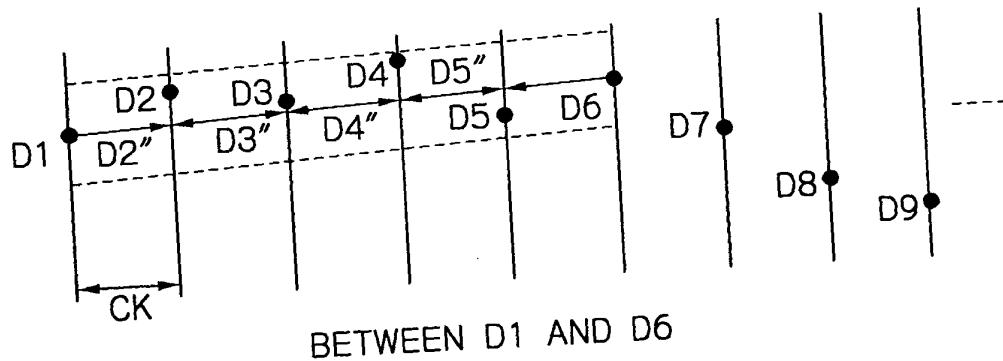


12/  
21

*Fig. 15A*

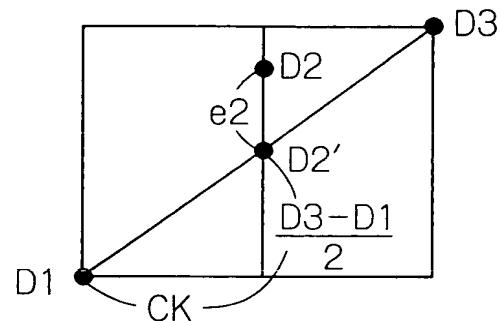


*Fig. 15B*

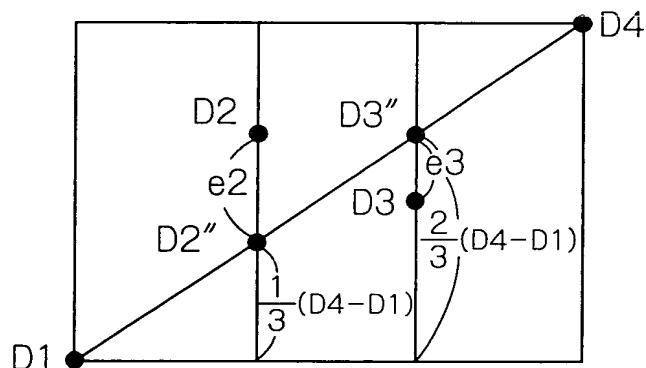


$13/21$

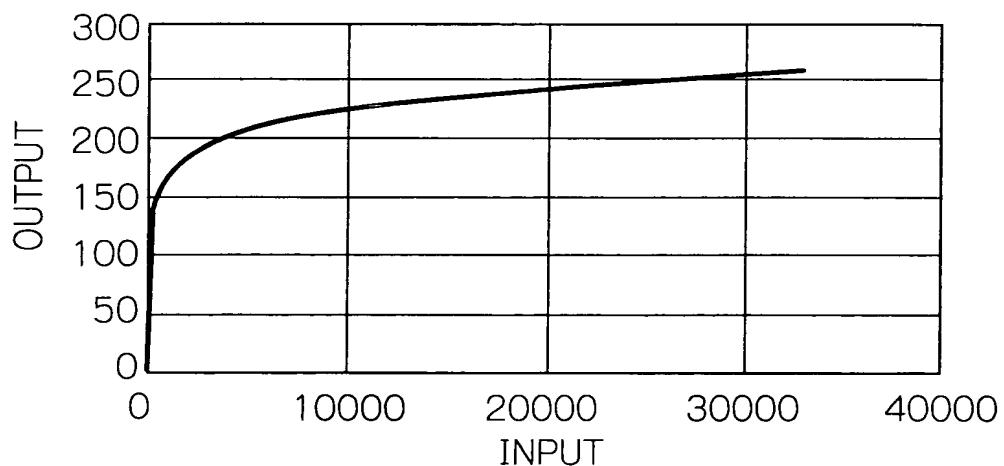
*Fig. 16A*



*Fig. 16B*

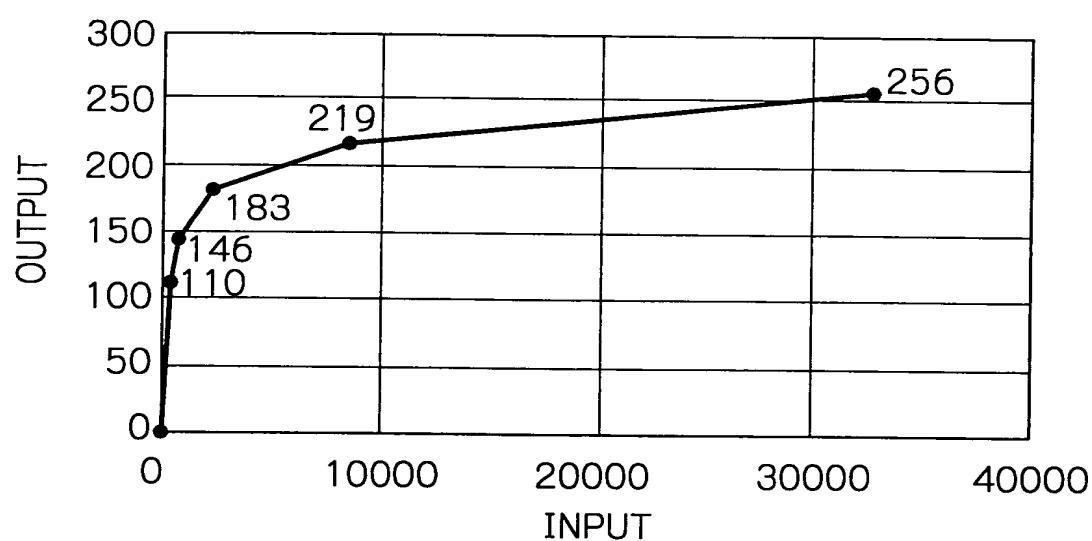


*Fig. 17*

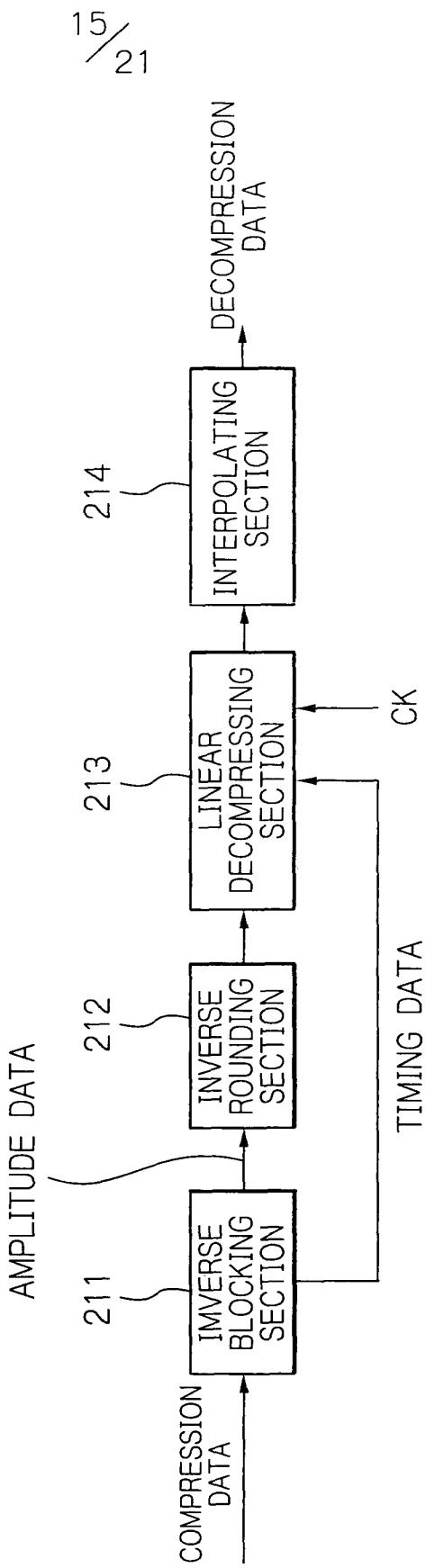


$^{14}/_{21}$

*Fig. 18*

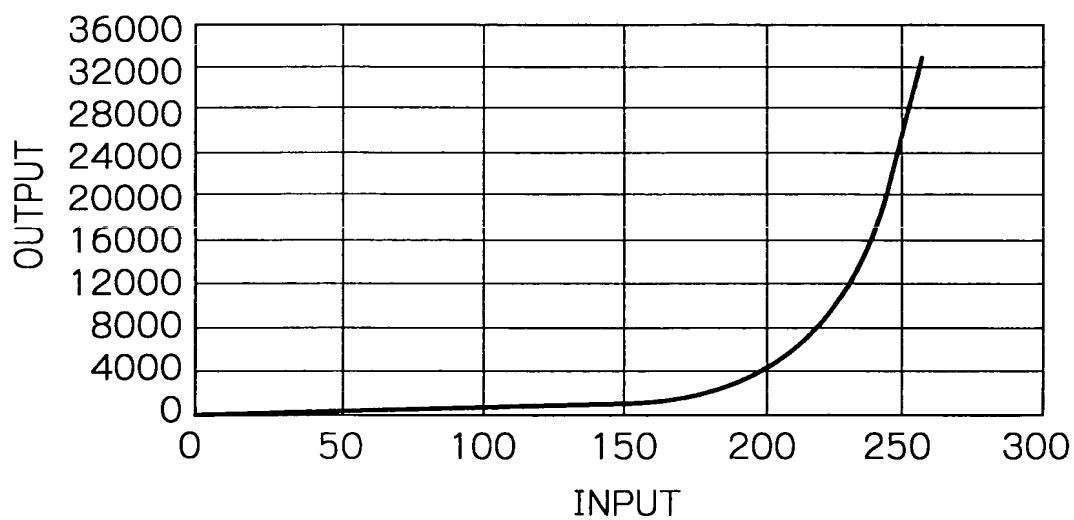


*Fig. 19*

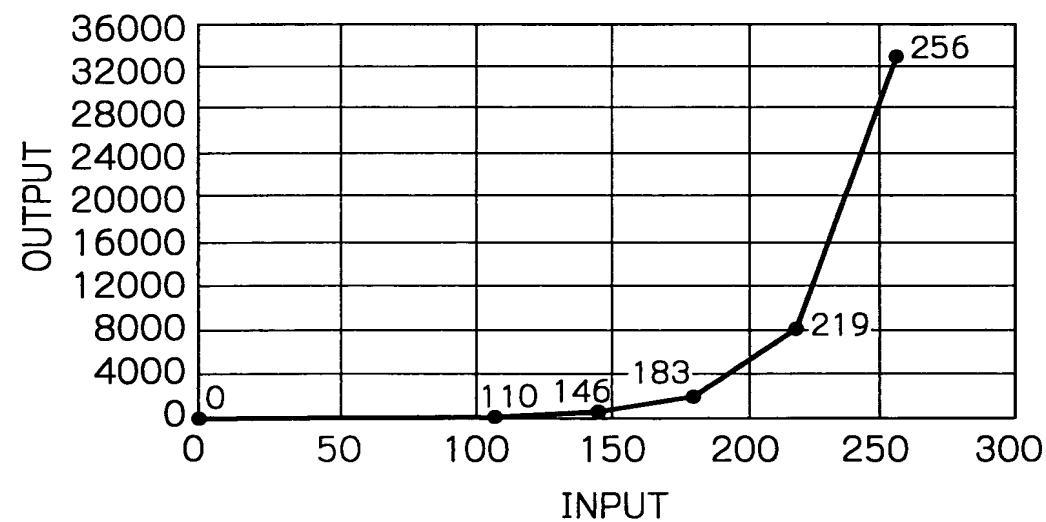


$^{16}_{21}$

*Fig. 20*

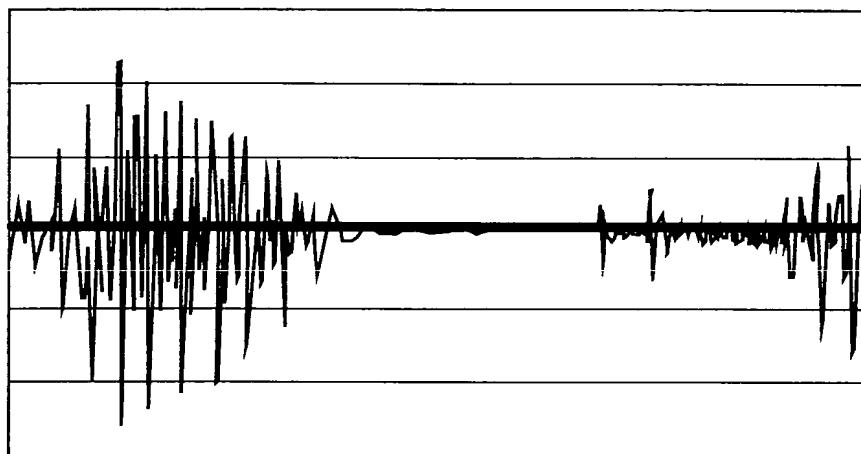


*Fig. 21*

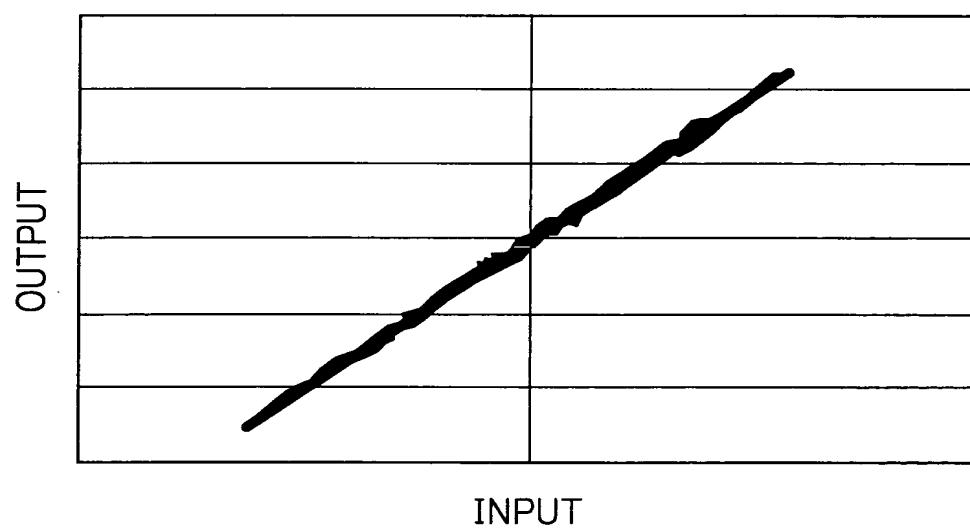


$^{17}_{21}$

*Fig. 22*

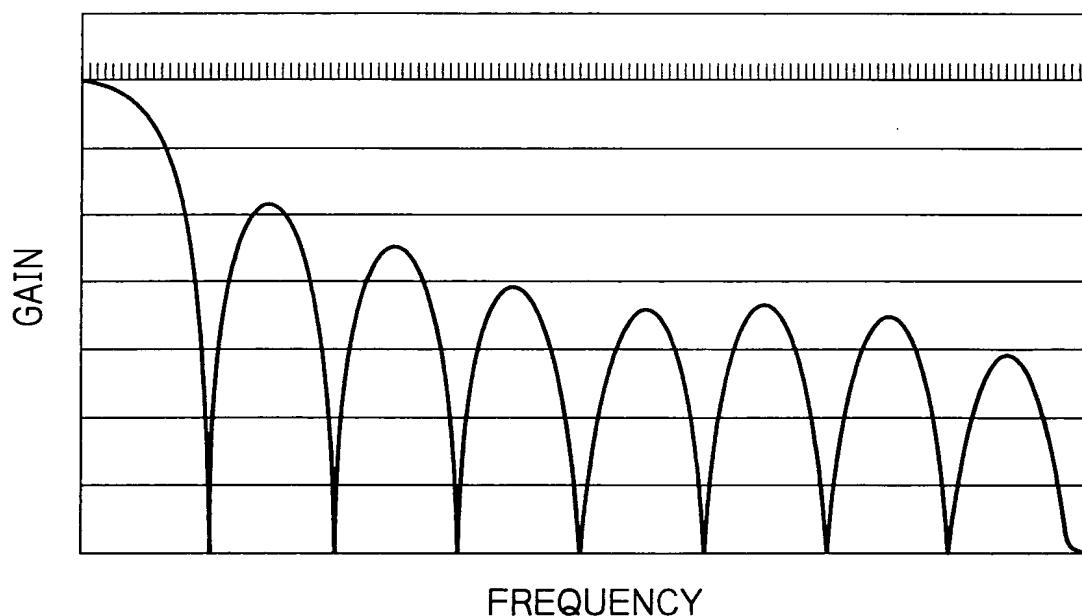


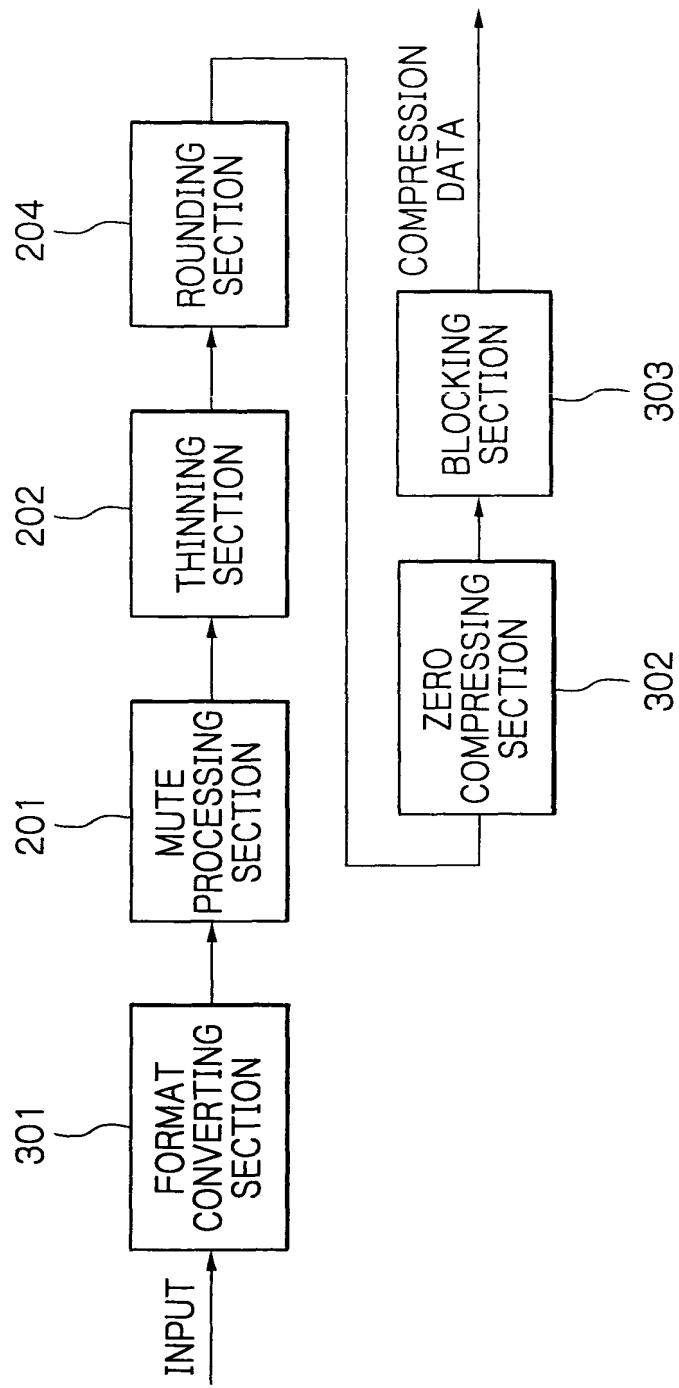
*Fig. 23*



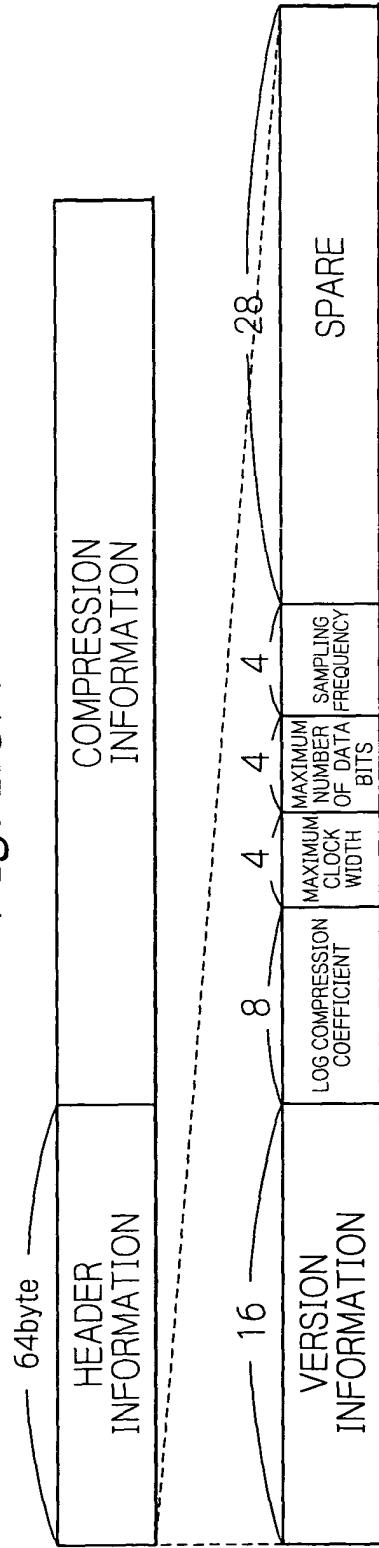
$\frac{18}{21}$

*Fig. 24*



*Fig. 25*

*Fig. 26A*



20  
21

*Fig. 26B*

DATA STRUCTURE OF SOUND PART

1 2 3 4 5 6 7 8 9

LOG COMPRESSION INFORMATION

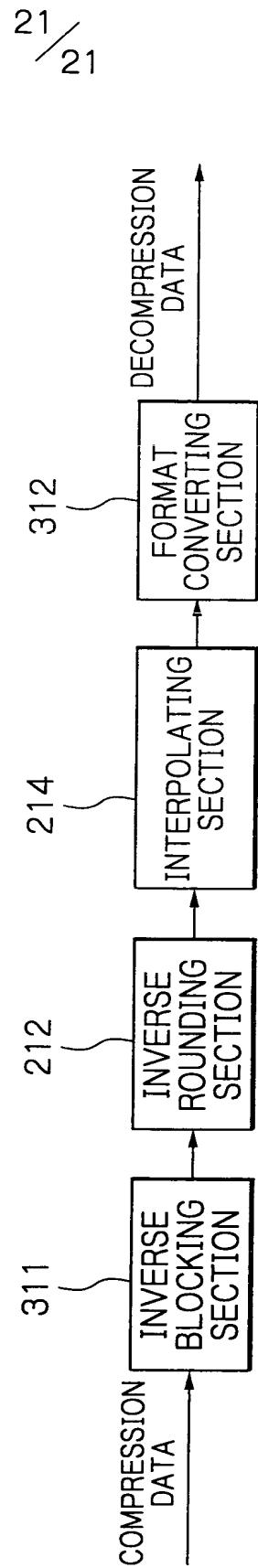
DATA STRUCTURE OF MUTE PART

1 2 3 4 5 6 7 8 9

NUMBER OFCLOCKS IN MUTE PART

1 0 0 0 0 0 0 0 0

*Fig. 27*



$\frac{21}{21}$